ABSTRACT

A novel arylamine compound represented by the following general formula (1):

$$\begin{array}{c|c}
R^{1} & R^{2} \\
Ar^{1} & Ar^{3} \\
Ar^{2} & Ar^{4}
\end{array}$$
(1)

wherein R¹ and R² each independently represent an alkyl group, an alkoxyl group, an arylalkyl group or an aryloxyl group, Ar¹ to Ar⁴ each independently represent an aryl group or a heterocyclic group, with provisos that at least two of Ar¹ to Ar⁴ each represent m-biphenyl group or a biphenyl group substituted with aryl groups and the others of Ar¹ to Ar⁴ each represent biphenyl group and that, when the biphenyl group substituted with aryl groups is a biphenyl group substituted with two aryl groups, the others of Ar¹ to Ar⁴ each represent an aryl group; and an organic electroluminescence device comprising a layer of organic compounds which comprises the novel arylamine compound. The organic electroluminescence device has a high luminance, excellent heat resistance and a long life and emits light at a high efficiency. The novel arylamine compound provides the advantageous properties to the organic electroluminescence device.